ecces	nn 481 - Carrier Annual Reporting	REDAC	TED-AVA		on replication	ECTION
<010>	Study Area Code	330917				
<015>	Study Area Name	MT VERNON TEL CO		Received &	Inspected	
<020>	Program Year	2016				
<030>	Contact Name: Person USAC should contact with questions about this data	Bruce Schiefelbein		JUN 2		•
<035>	Contact Telephone Number: Number of the person identified in data line <030>	6086645455 ext.		FCC Mail	Room	
<039>	Contact Email Address: Email of the person identified in data line <030>	bruce.schiefelbein@t	dstelecom.com			5
	S REPORTISE FOR SELCABINEDS				(check box when complete)	
<100>	Service Quality Improvement Reporting		(complete attached worksh	eet)	1 11111	
<200>	Outage Reporting (voice)		(complete attached worksh	neet)	1 1	
<210>		outages to report		[	1 32341	
<300>	Unfulfilled Service Requests (voice)					
<310>	Detail on Attempts (voice)				HALL.	
				(attach descriptive do	cumenty	
<320>	Unfulfilled Service Requests (broadband)			1	11111	
<330>	Detail on Attempts (broadband)			(attach descriptive d	ocument)	
<400>	Number of Complaints per 1,000 customers (voice)			]		
<410>	Fixed Fixed					R
<420>	Mobile					•0
<430> <440>	Number of Complaints per 1,000 customers (broad)	pand)			1 SHILL	
<450>	Mobile					
<500>	Service Quality Standards & Consumer Protection R	ules Compliance	(check to indicate certifica	ation)	1 1	
-F10>	330917wi510.pdf					
<510>			(attached descriptive de	ocumenty	_ <u> </u>	
<600>	Functionality in Emergency Situations		(check to indicate certifica	ation)	<b>/ /</b>	
	330917wi610.pdf					
			(attached descriptive documents)	ment)		
<610>						
<700>	Company Price Offerings (voice)		   (complete attached works	heet)	- MANNA	
<710>	Company Price Offerings (broadband)		(complete attached works	heet)		
<800>	Operating Companies and Affiliates		(complete attached works	1000	1	
	Tribal Land Offerings (Y/N)?  Voice Services Rate Comparability Certification	Ye	s, complete attached works	neet)		
			]			
<1010>	6		(attach descriptive docum	nent)		
<1100>	Certify whether terrestrial backhaul options exist (	(es or No) O	(if not, check to indicate	certification)		
<1110>	Towns and Condition for Life III		(complete attached works		44411	
(2000)	Terms and Condition for Lifeline Customers  Price Cap Carriers, Proceed to Price Cap Additional	Documentation Works	(complete attached works	ineet)	3030 V	
		a Carlo Vale Transit of				
<2000>	Including Rate-of-Return Carriers affiliated with Pr No. of Copies re	c'd_U+				
<2005>	List ABCDE Rate of Return Carriers, Proceed to ROR Additional	Documentation Works	(complete attached works)	heet)	1. 5. 16. 16. 19. 19. 1	
<3000>	The state of the s		(check to indicate certifica	tion)	6.8.0.2.8.8	
-200E>				COLOMB TO THE PERSON OF THE PE	The state of the s	

	rvice Quality Improvement Reporting flection Form			0986/OMB Control No. 3060-0819	
<010>	Study Area Code	330917			
<015>	Study Area Name	MT VERNON TEL	co		
<020>	Program Year	2016			
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefe	lbein		
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ex	t.		
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefe	lbein@tdstelecom.com		
<110>	Has your company received its ETC certification from the FCC?	(yes /	(no) O •		
<111>	If your answer to Line <110> is yes, do you have an existing §54.202(a) "5 year plan" filed with the FCC?	(yes /	(no) O O		
<112>	If your answer to Line <111> is yes, then you are required to file a progress report, on line <112> delineating the status of your company's existing § 54.202(a) "5 year plan" on file with the FCC, as it relates to your provision of voice telephony service.  Attach Five-Year Service Quality Improvement Plan or, in subsequent years, your annual progress report filed pursuant to 47 C.F.R. § 54.313(a)(1). If your c CETC which only receives frozen support, your progress report is only required to address voice telephony service.	ompany is a	330917wi112.pdf		
	Please select the appropriate responses below (Yes, No, Not Applicable) to confit that the attached document(s), on line 112, contains a progress report on its five service quality improvement plan pursuant to §54.202(a). The information shall be submitted at the wire center level or census block as appropriate.	-year		Name of Attached Document	· · · · · · · · · · · · · · · · · · ·
<113>	Maps detailing progress towards meeting plan targets		Yes		
114>	Report how much universal service (USF) support was received		Yes	7	
:115>	How much (USF) was used to improve service quality and how support was used to impro	ve service quality	Yes		
116>	How much (USF) was used to improve service coverage and how support was used to imp		╡		
117>	How much (USF) was used to improve service capacity and how support was used to improve		t.	╡	
<118>	Provide an explanation of network improvement targets not met		Yes Not Applicable	-	

## REDACTED-AVAILABLE FOR PUBLIC INSPECTION

	vice Outage Reporting (Voice) ection Form		FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013
<010>	Study Area Code	330917	
<015>	Study Area Name	MT VERNON TEL CO	
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com	

<220>

<a></a>	<b1></b1>	<b2></b2>	<b3></b3>	<b4></b4>	<c1></c1>	<c2></c2>	<d></d>	<e></e>	<f></f>	<g></g>	<h></h>
NORS Reference Number		Outage Start Time		Outage End Time	Number of Customers Affected	Total Number of Customers	911 Facilities Affected (Yes / No)	Service Outage Description (Check all that apply)	Did This Outage Affect Multiple Study Areas (Yes / No)	Service Outage Resolution	Preventative Procedures
					9	See attached	1				
					wo	rksheet					

ngagariya Tabbi dika	NATION OF THE PERSON OF THE PE	PC/mm/suc / 1
		Child Control No. 3060 0819
A SAN ASIA		
<010>	Study Area Code	330917
<015>	Study Area Name	MT VERNON TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	608645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<701>	Residential Local Service Charge Effective Date 1/1/2015	
<702>	Single State-wide Residential Local Service Charge	

- Kata	sab.	cale :	dito	eb).	<ul> <li>43&gt;</li> </ul>	-64>	- 65s	· · · · · ·
State	Exchange (ILEC)	SAC (CETC)	Rate Type	Residential Local Service Rate	State Subscriber Line Charge	State Universal Service Fee	Mandatory Extended Area Service Charge	Total per line Rates and Fees
				See at	tached worksheet			
								_
								-

Page 5

· · · · · · · · · · · · · · · · · · ·	
CANADA TO THE SECOND STATE OF THE SECOND STATE	394/2033
Study Area Code	330917
Study Area Name	MT VERNON TEL CO
Program Year	2016
Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbeinstdstelecom.com
	Study Area Code Study Area Name Program Year Contact Name - Person USAC should contact regarding this data Contact Telephone Number - Number of person identified in data line <030> Contact Email Address - Email Address of person identified in data line <030>

	<b></b>					4027	S(13)	5840
State	Exchange (ILEC)	Residential Rate	State Regulated Fees	Total Rate and Fees	Broadband Service - Download Speed (Mbps)	Broadband Service - Upload Speed (Mbps)	Usage Allowance (GB)	Usage Allowance Action Taken When Limit Reached (select
			See attac worksheet -	hed				

CONTRACT CONTRACT CONTRACTOR	Economical Control of the Control of
	Charles and the United States Control No. 2000-0815
	CONTRACTOR OF THE PROPERTY OF
Study Area Code	330917
Study Area Name	MT VERNON TEL CO
Program Year	2016
Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
Contact Telephone Number - Number of person identified in data line <03	30> 6086645455 ext.
Contact Email Address - Email Address of person identified in data line <0	30> bruce.schiefelbein@tdstelecom.com
Reporting Carrier Mt. Vernon Telephone Co.	
Holding Company Telephone and Data Systems, Inc.	
Operating Company Mt. Vernon Telephone Co.	
	Study Area Name Program Year Contact Name - Person USAC should contact regarding this data Contact Telephone Number - Number of person identified in data line <0: Contact Email Address - Email Address of person identified in data line <0 Reporting Carrier Mt. Vernon Telephone Co. Holding Company Telephone and Data Systems, Inc.

313>	sal>	42	1935
23	Affiliates	SAC	Doing Business As Company or Brand Designation
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8			
9	See atta	ched worksho	et
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## REDACTED-AVAILABLE FOR PUBLIC INSPECTION

	disectivening and a second sec	POC Fermi 451.  ORDS Control No. SCIED 1986 A TATA Countrol Sci. 5060-0819  only 2016
<010>	Study Area Code	330917
<015>	Study Area Name	MT VERNON TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <0	
<039>	Contact Email Address - Email Address of person identified in data line <	<pre>&lt;030&gt; bruce.schiefelbein@tdstelecom.com</pre>
<910>	Tribal Land(s) on which ETC Serves	
<920>	Tribal Government Engagement Obligation	Name of Attached Document
If your c	ompany serves Tribal lands, please select (Yes,No, NA) for each these boxes	
	m the status described on the attached document(s), on line 920,	
demons	trates coordination with the Tribal government pursuant to	Select
§ 54.313	3(a)(9) includes:	Yes or No or Not Applicable
<921>	Needs assessment and deployment planning with a focus on Tribal community anchor institutions.	
<922>	Feasibility and sustainability planning;	
<923>	Marketing services in a culturally sensitive manner;	
<924>	Compliance with Rights of way processes	
<925>	Compliance with Land Use permitting requirements	
<926>	Compliance with Facilities Siting rules	
<927>	Compliance with Environmental Review processes	
<928>	Compliance with Cultural Preservation review processes	
<929>	Compliance with Tribal Business and Licensing requirements.	

	in an article Described Respondings Benedicting	FCC Form 483 OBJB CONTROL No. 3050 0900/GA40 Control No. 3050 0810 July 2013
<010>	Study Area Code	330917
<015>	Study Area Name	MT VERNON TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com
<1120>	Please confirm whether terrestrial backhaul options exist within the supported area pursuant to § 54.313(g) (Yes, No).	
<1130>	Please select the appropriate response (Yes, No, Not Applicable) to confirm the reporting carrier offers broadband service of at least 1 Mbps downstream and 256 upstream within the supported area pursuant to § 54.313(g).	kbps

## REDACTED-AVAILABLE FOR PUBLIC INSPECTION

	er controlled activities and the control		GSC Targrid No. 3060/0866/0648 Control No. 3860-0819 108y 2015
<010>	Study Area Code		330917
<015>	Study Area Name		MT VERNON TEL CO
<020>	Program Year		2016
<030>	Contact Name - Person USAC should contact regarding this data		Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line	e <030>	
<039>	Contact Email Address - Email Address of person identified in data lin	e <030>	bruce.schiefelbein@tdstelecom.com
<1210>	Terms & Conditions of Voice Telephony Lifeline Plans		330917wil210.pdf
			Name of Attached Document
<1220>	Link to Public Website	НТТР —	
or the we	neck these boxes below to confirm that the attached document(s), on line 12 boxes below to contains the required information pursuant to a)(2) annual reporting for ETCs receiving low-income support, carriers must eport:	10,	
<1221>	Information describing the terms and conditions of any voice telephony service plans offered to Lifeline subscribers,	<b>V</b>	
<1222>	Details on the number of minutes provided as part of the plan,	<b>/</b>	
<1223>	Additional charges for toll calls, and rates for each such plan.	<b>_</b>	

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	Half MONTH Production of Commentation	
	Collection	s - Code Compatible Code (Code
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		THE STATE OF THE S
<010>	Study Area Code	
<015>	Study Area Name	330917
<020>	Program Year	MT VERNON TEL CO
<030>	Contact Name - Person USAC should contact regarding this data	2016
<035>	Contact Telephone Number - Number of person identified in data line <030>	Bruce Schlerelbein
<039>	Contact Email Address - Email Address of person identified in data line <030>	6086843455 ext.
		Druce.schiefelpeln#tdstelecom.com
25 15 3		
Select the	anning riste responses below (Yes, No. Not Applicable) to note compliance as	a recipient of Incremental Connect America Phase I support, frozen High Cost support, High Cost support to offset access charge reductions, and
	America Phase II support as set forth in 47 CFR § 54.313(b),(c),(d),(e). The inform	
	Incremental Connect America Phase I reporting	Sport do of this formation of the social description of the social des
<2010>	2nd Year Certification {47 CFR § 54.313(b)(1)i}	
<2010>		
\2011a>	TOTAL AND A TOTAL AND	
<2011b>	Attachment (47 CFR § 54.313(b)(1)ii)	1
		i i
		Name of Attached Document(s) Listing Required Information
	Price Cap Carrier Receiving Frozen Support Certification (47 CFR § 54.312(a))	
<2012>	2013 Frozen Support Calculation (47 CFR § 54.313(c)(1))	
<2013>	2014 Frozen Support Calculation (47 CFR § 54.313(c)(2))	
<2014>	2015 Frozen Support Calculation (47 CFR § 54.313(c)(3))	
<2015>	2016 and future Frozen Support Calculation (47 CFR § 54.313(c)(4))	
	Price Cap Carrier Connect America ICC Support (47 CFR § 54.313(d))	
<2016>	~ [1] 프로그램, 프로그램, 프로그램, 프로그램, 프로그램, 프로그램, 프로그램, 프로그램, 플로그램, 프로그램, 프로그램, 프로그램, 프로그램, 프로그램, 프로그램, 프로그램,	
12010	전기 전체 회전에서 기계를 보고 있다면서 이렇게 되었다. (100mm) 보고 있다면 (100mm) 보고 있다.	
<2017>	Connect America Phase II Reporting (47 CFR § 54.313(e))	
<2017>	ord year broadband bervice certification	
<2019>	Sur year broadband Service Certification	
<2020>	michini i rogi ess certification	2021
120202	Please check the box to confirm that the attached document(s), on lin pursuant to § 54.313 (e)(3)(ii), as a recipient of CAF Phase II support sl	le 2021, contains the required information
	addresses of community anchor institutions to which began providing	access to broadband service in the
	preceding calendar year.	
<2021>	Interim Progress Community Anchor Institutions	I i
		1
		Name of Attached Document(s) Listing Required Information
	8	

	entities (Carlo collision accompanies)	and the second second	R\$ToppOd.
			Control of the contro
	Study Area Code		
<010>	Study Area Name	330917 MT VERNON TEL CO	Divisor
<020>	Program Year	2016	
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein	
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.	
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com	
		of the State of the Control of the C	CHICATOL PROCESSOR AND
CHECK t	he boxes below to note compliance on its five year service quality plan (pursuan CFR § 54.313(f)(2). I further certify that the	t to 47 CFR § 54.202(a)) and, for privately held carriers, ensuring c e information reported on this form and in the documents attache	
		330917wi3010.pdf	
(3010)	Progress Report on 5 Year Plan		
ARTHOUGH C	Milestone Certification (47 CFR § 54.313(f)(1)(i))		
		Name of Attached Document Listing Required Informa	tion
		SAME OF THE STATE	
(3011)	Please check this box to confirm that the attached document(s), on line 3( § 54.313 (f)(1)(ii), the carrier shall provide the number, names, and addre providing access to broadband service in the preceding calendar year.		✓
		330917wi3012.xlsx	1
		COMPANY TAKEN A MANAGEMENT WAS KENDED	
(3012)	Community Anchor Institutions (47 CFR § 54.313(f)(1)(ii))		
(3011)	Community Attends institutions (47 of it 5 34.323(1)(2)(ii))	i	
		Name of Attached Document Listing Required Information	
(2012)		(Yes/No)	) <sub>(</sub> (•)
	Is your company a Privately Held ROR Carrier (47 CFR § 54.313(f)(2))	(Yes/No)	<b>(}</b>
(3014)	If yes, does your company file the RUS annual report	(lesyno)	
Please	check these boxes to confirm that the attached document(s), on line 3017	, contains the required information pursuant to § 54.313(f)(2	) compliance requires:
(3015)	Electronic copy of their annual RUS reports (Operating Report for Telecommunications Borrowers)		
(3016)	Document(s) for Balance Sheet, Income Statement and Statement of Cast	sh Flows	
(3017)	If the response is yes on line 3014, attach your company's RUS annual report and all required documentation		
		Name of Attached Document Listing Required Information	· ·
(3018)	If the response is no on line 3014, Is your company audited?	(Yes/No)	
	If the response is yes on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313{f}(2), contains		
(3019)	Either a copy of their audited financial statement; or (2) a financial report in a fo	rmat comparable to RUS Operating Report for Telecommunication	s [
(3020)	Document(s) for Balance Sheet, Income Statement and Statement of Ca	ish Flows	
(3021)	Management letter and audit opinion issued by the independent certified pu	blic accountant that performed the company's financial audit	
	If the response is no on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § \$4.313(f)(2), contains:		
(3022)	Copy of their financial statement which has been subject to review by an		
4	independent certified public accountant; or 2) a financial report in a		
	format comparable to RUS Operating Report for Telecommunications		
	Borrowers,		
(3023)	Underlying information subjected to a review by an independent certified public accountant		
(3024)	Underlying information subjected to an officer certification.		
	Document(s) for Balance Sheet, Income Statement and Statement of Ca	sh Flows	,
* - 1			
(3026)	Attach the worksheet listing required information		
. To a second second	на компонит на симата песа о се топотка. ≠онерни конерсти полекто МОТОМАТТ //		1
	1		1
	L	Name of Attached Document Listing Required Information	
		The state of the s	

		14/16#
<010>	Study Area Code	330917
:015>	Study Area Name	MT VERNON TEL CO
020>	Program Year	2016
30>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
35>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

Financial Data Summary	
(3027) Revenue	
(3028) Operating Expenses	
(3029) Net Income	
(3030) Telephone Plant In Service(TPIS)	
(3031) Total Assets	
(3032) Total Debt	
(3033) Total Equity	100000000000000000000000000000000000000
(3034) Dividends	

		FEE form 481 DNS Control No. Butto Opportunit Congress of Man-Asia pay 2019
<010>	Study Area Code	330917
<015>	Study Area Name	MT VERNON TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ANNUAL REPORTING ON ITS OWN BEHALF:

I certify that I am an officer of the reporting carrier; my responsibili recipients; and, to the best of my knowledge, the information repo	ities include ensuring the accuracy of the annual reporting requirements for universal service supported on this form and in any attachments is accurate.
Name of Reporting Carrier: MT VERNON TEL CO	
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/11/2015
Printed name of Authorized Officer: Kevin Hess	
Title or position of Authorized Officer: Executive Vice Preside	nt
Telephone number of Authorized Officer: 6086644160 ext.	
Study Area Code of Reporting Carrier: 330917	Filing Due Date for this form: 07/01/2015

	do (Unido ) baselli edida Digari	CAR Committee
<010>	Study Area Code	330917
<015>	Study Area Name	MT VERNON TEL CO
<020>	Program Year	2016
<030>	Contact Name - Person USAC should contact regarding this data	Bruce Schiefelbein
<035>	Contact Telephone Number - Number of person identified in data line <030>	6086645455 ext.
<039>	Contact Email Address - Email Address of person identified in data line <030>	bruce.schiefelbein@tdstelecom.com

#### TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ANNUAL REPORTS ON THE CARRIER'S BEHALF:

I certify that (Name of Agent)	is authorized to submit the information reported on behalf of the reporting carrier
also certify that I am an officer of the reporting carrier; r agent; and, to the best of my knowledge, the reports an	ponsibilities include ensuring the accuracy of the annual data reporting requirements provided to the authorized provided to the authorized agent is accurate.
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer:	Date:
Printed name of Authorized Officer:	
Title or position of Authorized Officer:	
Telephone number of Authorized Officer:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent A	Authorized to File Annual Reports for CAF or LI Recipien	nts on Behalf of Reporting Carrier
경마 - 1975	orized to submit the annual reports for universal service support r eporting carrier; and, to the best of my knowledge, the informatio	
Name of Reporting Carrier:		
Name of Authorized Agent or Employee of Agent:		
Signature of Authorized Agent or Employee of Agent:		Date:
Printed name of Authorized Agent or Employee of Agent:		
Title or position of Authorized Agent or Employee of Agent	No.	
Telephone number of Authorized Agent or Employee of Age	ent:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	

Attachments

Mt. Vernon Telephone Company, LLC dba TDS Telecom

State: WISCONSIN

Study Area:

330917

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

As an Incumbent Local Exchange Carrier (ILEC) and Eligible Telecommunications Carrier (ETC), Mt Vernon has been providing ubiquitous, high-quality voice telecommunications services in its study area for many years. To accomplish and maintain this service level, Mt Vernon has made significant historical investment to deploy, operate, and maintain an integrated, highly-reliable network. In addition to its own capital spending, Mt Vernon draws from the federal Universal Service Fund (USF). Universal service support has been (and continues to be) critical in enabling Mt Vernon's services in its rural markets to be reasonably comparable in quality and price to services in more urban markets, as Congress mandated in the Telecommunications Act. Mt Vernon draws USF support because the cost of providing voice and data services in its rural study area are substantially higher than those in urban areas, and thus all of the costs cannot be recovered solely from Mt Vernon's customers while maintaining reasonably comparable prices. Mt Vernon has made investments to bring high speed data services to its customers when the level of customer revenues and universal service support has made it financially viable to do so.

For Mt Vernon, federal high cost support is used to help offset ongoing network costs, but the monies received cover only a portion of the cost of updating and operating the network. In 2014, Mt Vernon received \$1,401,400 in USF support while incurring in operating expenses and investing in new plant. The attached Schedule A contains a list of specific network improvement projects that were completed in 2014 at the wire center level. Where these projects related to specific DSAs within the wire center, it is so indicated and can be cross-referenced to the exchange map attached as Exhibit 1. As evidenced by these support and expenditure numbers provided for the current reporting year, the universal service support that Mt Vernon receives covers only a fraction of its cost to provide service. Continued receipt of USF support is vital to helping Mt Vernon maintain reasonably comparable rates for local exchange service; and to incrementally upgrade its telecommunications facilities and equipment to help meet evolving service requirements and maintain high quality service.

Because USF funding support is modest compared to Mt Vernon's ongoing network operating expense, the spending of USF support money is primarily focused on repair, maintenance and incremental upgrades to maintain existing service levels rather than further expansion of broadband services deeper

Mt. Vernon Telephone Company, LLC dba TDS Telecom

State: WISCONSIN

Study Area:

330917

54.313(a)(1) Progress Report on Five Year Service Quality Improvement Plan pursuant to § 54.202(a)

into the network. Given the current level of customer revenues, the level of universal support, and the technology available today, the additional costs associated with expanding broadband services to unserved portions of the study area, or increasing speeds to already served portions of the study area, far exceed Mt Vernon's financial ability to make such investments.

The telecommunications industry continues to change rapidly and significantly as a result of the unprecedented pace of technological advances, increasing customer needs and ongoing regulatory reforms. The level of uncertainty brought about by these factors make long-range network planning a difficult task. By necessity, significant capital investment in network upgrades is cyclical. Capital expenditures in one year are typically followed by a number of years of maintenance of the network to allow time for recovery and return on the investment before the next upgrade is undertaken.

Rapid and significant changes in technology are expected to continue to occur in the telecommunications industry over the next five years. Mt Vernon believes that its existing network architecture will enable it to incorporate many of these technological changes efficiently, but expects that such changes will also shorten product lifecycles and drive an increase in the rate of obsolescence experienced with existing network equipment. However, having the capability to evolve and being able to afford the cost to evolve, are both necessary to support the capital expenditure.

In an attempt to deliver products similar to those available in more urban areas, telecom companies, like Mt Vernon are under growing pressure to provide access to services and applications that are driving enormous growth in customer demand for bandwidth. Absent predictable and sufficient universal service support for broadband services, Mt Vernon will be unable to meet this growing demand.

In addition, Mt Vernon also faces significant regulatory uncertainty at this time. The FCC 's

Transformation Order and subsequent orders on reconsideration have put universal service revenue in a
state of flux. Forecasting universal service revenues and developing long-range, detailed network plans
that depend on those revenues has become all but impossible. While the FCC Transformation Order

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adopted a number of comprehensive reforms to the universal service and intercarrier compensation mechanisms, it also left open the long term framework for universal service. Presently there are multiple plans in front of the FCC proposing new and different frameworks. While some plans provide for continued support under a rate of return (ROR) regime, others propose an optional plan to move in the direction of support based on a model which predicts the costs of a forward looking fiber to the home network. The details of these plans radically differ from one another, and the FCC has given little indication of which of these plans it will move towards. It is also possible that universal service reform for ROR companies will not be resolved in the near term, and that the current mechanisms will continue to struggle along. Given this backdrop, predicting next year's federal universal service amounts, let alone those for the next five years, is tenuous at best.

The most conservative approach would be to utilize status quo whereby we forecast based on past revenues. Yet even this approach is uncertain at best. For example, even under the "status quo" assumption, the FCC is considering (1) represcribing the authorized interstate rate-of-return, possibly to a level lower than the current 11.25%; (2) eliminating high cost support in areas where there is an unsubsidized competitor offering service to less than 100% of customers; (3) limiting the recovery of Interstate Common Line Support (ICLS); and (4) lowering originating switched access rates similar to terminating rates. Having all these unknowns on the planning horizon (most, if not all of which could have a negative impact on Mt Vernon's level of support) make it near impossible to predict to what extent Mt Vernon can rely on universal service support at historic levels for continued aid in supporting its network. Any future rulemaking that results from these proposals could have significant impacts on the future network plans of Mt Vernon.

Given all of the uncertainty surrounding the industry, and the need for Mt Vernon to allocate scarce resources, invest prudently, and operate efficiently, long range predictive forecasting at any level of granularity is difficult and subject to revision as new information becomes known. Also, the speculative nature of planning in this type of environment hinders Mt Vernon's ability to effectively develop long-term network build out plans based on projected future USF support.

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The attached Schedule B summarizes Mt Vernon's USF received in 2014 and projected expenditures for 2015 – 2019. The projected 5-year period is based upon historical spending data, which, given the many unknown factors, may have limited value in predicting future network needs and may vary widely from actual spending incurred in the forecasted years, and thus should be treated with that in mind.

The content, timing, and specific geographic locations of projects that will be undertaken in the next five years, is unknown at this time. The selection of future projects will be based on the evaluation of many factors, including current consumer demand, limited capital resources and estimated amounts of universal service support. These and other external factors are not within Mt Vernon's control and are subject to change. Such changes may affect the assumptions and calculations regarding the optimal improvements to network facilities required to provide high-quality advanced services to Mt Vernon's customers.

With full recognition of the difficulty in predicting exact locations, specific projects or levels of expenditures, Mt Vernon commits to utilize available universal service support to help maintain and improve network quality, and if feasible, deploy advanced technologies and new services, expand coverage and improve broadband speeds for its customers.

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2014 Capital Expenditures			AND THE RESIDENCE OF THE PARTY
- 1	200	DSA	
Exchange	DSA	-	Description Expend
MT. VERNON	02203	177	
	02205	178	
	02206	229	
	02206	229	
	Various	#N/A	
NEW GLARUS	02100	1,861	
	02100	1,861	
	02100	1,861	
	Customer specific	1,861	
	02103	363	
	02107	437	
	Various	#N/A	
'ERONA	Customer specific	#N/A	
	Customer specific	#N/A	
	Customer specific	#N/A	
	0200	#N/A	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
eta pitorioa i projektura irik Mikaasii ese Suukki kasueetu keessi	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	02000	1,879	
	Customer specific	1,879	
	02001	3,166	
	02001	3,166	
	02001	3,166	
	02001	3,166	
	02003	3,221	
	02003	3,221	
	02003	3,221	
	02003	3,221	
	02004	1,458	
	02004	1,458	
	02005	243	
	02007	333	
	02008	2,930	
	02008	2,930	
	02008	2,930	
	02009	1,605	
	02009	649	
	02011	649	
	02011	649	
	02011	538	
		538	
	02012 02016	1,425	
	02016	1,425	

Schedule A

Mt. Vernon Telephone Company, LLC dba TDS Telecom

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2014 Capital Expenditures

Exchange	DSA	DSA Population	Description Expendit
	02016	1,425	
	Customer specific	1,425	
	02017	800	
	02017	800	
	02017	800	
	02018	26	
	02018	26	
	02022	344	
	02027	7	
	02052	1,064	
	02052	1,064	
	02054	937	
	02056	1,608	
	02056	1,608	
	02071	1,716	
	02071	1,716	
	02071	1,716	
	02076	476	
	02077	782	
	02077	782	
	2018	#N/A	
	62246	1,291	
	62246	1,291	
	DSA 02012	#N/A	
	FDH 020AB	#N/A	
	FDH 020BG	#N/A	
	FDH 020CC	#N/A	
	FDH020AU	#N/A	
	FDHAD	#N/A	
	FDHAD	#N/A	
	FDHAU	#N/A	
	FDHBG	#N/A	
	FDHDB	#N/A	
	FDHDG	#N/A	
	FDHDG	#N/A	
	Various	#N/A	
LL EXCHANGES	All Exchanges	#N/A	
	All Exchanges	#N/A	
	All Exchanges	#N/A	

Schedule A

Schedule B

## Mt. Vernon Telephone Company, LLC (SAC 330917)

## **Line 100 - Service Quality Improvement Reporting**

Rule 54.202(a)(1) and 54.313(a)(1)

#### **USF Received in 2014**

High Cost Loop Support	\$ 93,023
ICLS Support	\$ 1,294,404
Safety Net Additive	\$ -
Safety Value Additive	
CAF	\$ 13,994
TOTAL	\$ 1,401,421

### Five-Year Plan

	2015	2016	2017	2018	2019
Operating Expenses	\$				
Capital Expenditures	s				

# MT. VERNON TEL. CO., WI Exhibit 1

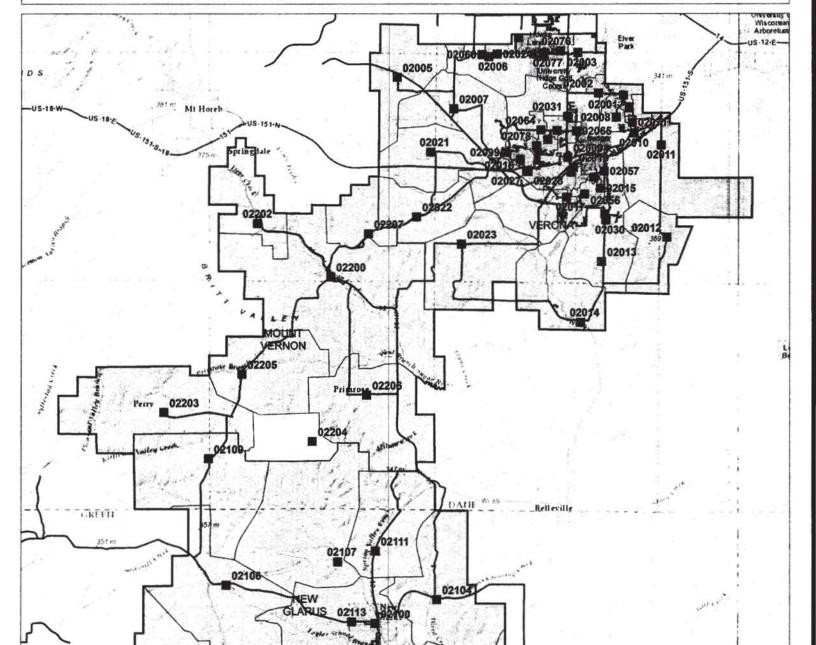
## **Broadband Status**



#### DLC LOCATION | DSA OTHER FEATURES 2 10 Existing ☐ Exchange Boundary Proposed | Future - Existing TDS Fiber **Broadband Enabled**

No DSL

TDS Telecom Network Services | OSP Records | Date: 4/28/2015



(200) Service Outage Reporting (Voice) Data Collection Form							FCC Form 481  OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013				
<010> 9	Study Area Code						330917				
	tudy Area Nam		20000000			[1	MT VERNON	TEL CO			
	Program Year						2016				
	Contact Name -	Person US	AC should cont	act regardi	ng this data	70000	Bruce Schi	iefelbein			
	Contact Telepho						6086645455				
	Contact Email Ad						oruce.schi	efelbein@tdstelecom.com			
<220>											
<a></a>	<b1></b1>	<b2></b2>	<b3></b3>	<b4></b4>	<c1></c1>	<c2></c2>	<d></d>	<e></e>	<f></f>	<g></g>	<h>&gt;</h>
NORS Reference Number	Outage Start Date	Outage	Outage End Date	Outage	Number of Customers Affected	Total Number of Customers	911 Facilities Affected (Yes / No)	Service Outage Description (Check	Did This Outage Affect Multiple Study Areas (Yes / No)	Service Outage Resolution	Preventative Procedures
				·							
							1				
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#### Line 330 – Detail on Attempts (broadband)

#### Rule 54.313(a)(3)

Mt. Vernon Telephone Company, LLC has implemented service availability tracking tools and employee training capabilities to respond to direct customer requests for broadband services.

Upon receipt of a new broadband service request, Mt. Vernon Telephone Company, LLC's service advisors follow these steps for provisioning the service:

- The Mt. Vernon Telephone Company, LLC service advisor uses a customized service addressability software tool to determine if broadband service is available to the requested service address. If it is determined that service is offered to the address, an installation order will be initiated and scheduled immediately.
- 2) If the information in the service addressability tool indicates that extension of broadband service to the service address might be possible, a field service technician is dispatched to the customer premise to perform additional diagnostic testing. Such testing will determine whether there are any reasonable adjustments to the network or customer facilities which can be made to enable the provision of service. If tests confirm that broadband service can be offered at the service address, an order is initiated and service is provisioned.
- 3) In situations where Mt. Vernon Telephone Company, LLC's terrestrial broadband service is not available to a requesting customer, Mt. Vernon Telephone Company, LLC has partnered with Dish Network to offer dishNET satellite broadband service to customers. Mt. Vernon Telephone Company, LLC's service advisors are trained to discuss and assist the customer in ordering dishNET broadband service.

As the Commission acknowledged<sup>1</sup>, some of the service areas served by rate of return Carriers like Mt. Vernon Telephone Company, LLC, have characteristics that make it highly cost prohibitive to extend broadband service using terrestrial wireline technology. Except as may be noted in Mt. Vernon Telephone Company, LLC's 5-year plan attached to this filing, any further build-out of terrestrial broadband service to additional locations within its study area will be dependent upon the cost of the technology to be deployed and the capital infrastructure funding level available.

<sup>&</sup>lt;sup>1</sup> See In the Matter of Connect America Fund, WC Docket No. 10-90, Order DA 13-332, released March 3, 2013 at paras 10-11.